

20060421.ba v03_n914.bam.20060421

>From ???@??? Fri Apr 21 23:19:05 2006 -0500
Date: Fri, 21 Apr 2006 23:18:21 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3914
Message-Id: <20060422041822.C35F11B836A@srvr1.theporch.com>

BOATANCHORS Digest 3914

Topics covered in this issue include:

- 1) Matching AM radio for Regency ATC-1
by "James C. Garland" <4cx250b@muohio.edu>
- 2) ADMINISTRIVIA: Changing Email Addresses
by listown@nanniandjack.com (Mail List Owner)
- 3) Re: Need Navy RBB/RBC frequency chart scan
by kc2kj <kc2kj@verizon.net>
- 4) WTB Amphenol connectors for T-195 Transmitter
by "Mark J. Blair, NF6X" <nf6x@nf6x.net>
- 5) Wanted: clean SP-600JX-21A
by "Comarow, Avery" <ACOMAROW@usnews.com>
- 6) Need Krohn Hite paper
by <jsehring@siouxvalley.net>
- 7) Shaky R reading on old VTVM?
by Stephen & Marilyn Haines <shaines314@comcast.net>
- 8) Re: Shaky R reading on old VTVM?
by spr@earthlink.net
- 9) Re: Shaky R reading on old VTVM?
by "Arden Allen" <gumbear@pacbell.net>
- 10) Nylatches
by Jim Allen <imaham@sbcglobal.net>
- 11) For sale: Range "F" tuning unit for WW II GP-7 xmtr.
by Meyer Gottesman <wrecktech@yahoo.com>
- 12) ADMINISTRIVIA: Over Quoting
by listown@nanniandjack.com (Mail List Owner)
- 13) Re: Nylatches
by Brian K Harris <brian.k.harris@philips.com>
- 14) Re: Nylatches
by Brian K Harris <brian.k.harris@philips.com>
- 15) FS: LS-3 Loudspeakers
by WA5CAB@cs.com
- 16) Re: Nylatches
by "Arden Allen" <gumbear@pacbell.net>
- 17) Pop Electronics 1995 ?
by "Greg Carter" <kx4r@earthlink.net>
- 18) LS-3 Description & Details

by WA5CAB@cs.com

Message-Id: <7.0.1.0.2.20060417062540.0223a190@muohio.edu>
Date: Mon, 17 Apr 2006 06:32:49 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@muohio.edu>
Subject: Matching AM radio for Regency ATC-1
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,

I got an interesting email from Jules Madey, K2KGJ, which included a photo of a Regency AM radio that was intended as the IF/audio chain for the ATC-1 convertor. It is the same size and shape as the ATC-1, with a front-mounted speaker and a simple tuning dial for the BC band. Unfortunately, the label had fallen off, so I don't know what the model number is.

I hadn't known Regency made a companion IF strip for the ATC-1 and wonder if anybody on the List has any info on it? Jules bought his pair of Regencies new in 1959, but no longer has any documentation. I'm guessing the circuit of the AM radio is similar to that in the famous Regency TR-1, which appeared a couple of years earlier.
Tnx,

Jim Garland W8ZR

W8ZR Amateur Radio Website: www.w8zr.net

From: listtown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Changing Email Addresses
Date: Mon, 17 Apr 2006 11:15:00 -0700 (PDT)
Message-Id: <20060417181501.050BC16017@osr506.nanniandjack.com>

Gang-

This periodic post is intended to help subscribers whose email address has changed, preventing posting or receipt of the list.

If you change ISP (InterNet Service Provider), simply send me an

email advising the change, and I will do my best to implement the change quickly.

For those unfortunates, whose ISP has made a change without advising their customers of the potential impact of that change on subscribers to email lists like the boatanchors, where one must be a subscriber to post to the list, try to follow along...

Under some circumstances, the changes to your email address are "transparent" to you, but prevent posting. I get error notification for these kinds of problems, and I try to work them out. However, I may miss one, and on this end, the process is anything BUT automatic.

You have a bigger stick than I do. You and your ISP have the primary responsibility to repair the problems caused by the change at the ISP. I have zero leverage with your ISP, and you have great leverage.

Most ISP maintain a customer service department to help with problems like these. This should be your first line of support for email problems. I am happy to assist and consult, but try to understand that when your ISP makes a change to their email handler, and that change prevents you from posting to the boatanchors list, I can help, but resolving this problem is your responsibility, working with your ISP. I am but a volunteer, contributing my time to administer the list.

Thank you for your attention.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Archiver/Owner - - -
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Mon Apr 17 11:15:00 PDT 2006

Date: Mon, 17 Apr 2006 20:49:58 -0400
From: kc2kj <kc2kj@verizon.net>
Subject: Re: Need Navy RBB/RBC frequency chart scan
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id: <92d4e9e9d95d9e2e57304d00068723da@verizon.net>
MIME-version: 1.0 (Apple Message framework v623)
Content-type: text/plain; charset=US-ASCII; format=flowed
Content-transfer-encoding: 7bit

I have the chart that has been filled in. You ought to be able to pixel-by-pixel fix it for everyone. I can email a bit map if wanted.

Mike

On Apr 16, 2006, at 11:15 PM, WF2U wrote:

> List members,
>
> I need a good scan of the frequency chart from the holder under the
> tuning
> knob on these Navy receivers. The charts are identical for both
> models, so
> either will do.
> My RBB and RBC came without the paper chart in the window and I'd like
> to
> print out a few...
>
> Thanks,
>
> 73, Meir WF2U / NNN0AAF
> Landrum, SC
>

Message-ID: <44455E0A.9080609@nf6x.net>
Date: Tue, 18 Apr 2006 14:45:46 -0700
From: "Mark J. Blair, NF6X" <nf6x@nf6x.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB Amphenol connectors for T-195 Transmitter
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I'm looking for male and female multi-pin Amphenol connectors to make test extender cables for debugging my T-195 transmitter. In particular, I need the 20-pin rectangular connectors for the modulator sub-chassis, but I'd also like to get the other types of connectors used in the T-195.

Any leads would be appreciated. Thanks!

--
Mark J. Blair, NF6X <nf6x@nf6x.net>
Web page: <http://www.nf6x.net/>
GnuPG public key available from my web page.

Content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="----_=_NextPart_001_01C663BC.67E5D04A"

Subject: Wanted: clean SP-600JX-21A
Date: Wed, 19 Apr 2006 10:20:27 -0400
Message-ID: <5DB55C95EDBFFA4383CE672594D7E0D2016883D4@EXCHANGE.usn.root.ent>
From: "Comarow, Avery" <ACOMAROW@usnews.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <hammarlund@qth.net>

This is a multi-part message in MIME format.

-----=_NextPart_001_01C663BC.67E5D04A
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Looking for one that's clean, working, and has been recapped as =
necessary. Ideally with cabinet. I would offer an HQ-215 in partial =
trade plus cash.=20

Avery W3AVE
Potomac, Md.

-----=_NextPart_001_01C663BC.67E5D04A
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_001_01C663BC.67E5D04A--

Content-Disposition: inline
Content-Transfer-Encoding: binary
Mime-Version: 1.0
From: <jsehrring@siouxvalley.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need Krohn Hite paper
Content-Type: text/plain
Message-Id: <20060419183244.DB2F213A7E6@filter1.e-filtering.net>
Date: Wed, 19 Apr 2006 12:32:44 -0600 (MDT)

Hi all,

Been searching for a ops/svc manual for a Krohn Hite #5700 function generator. Its a sweet lil unit. I have looked at *every* electronic manual web site I could find, a couple of dozen of 'em, no luck on this particular item.

K-H wants \$75 (!!!) bucks for it, or \$150 (!!!!)...depends on who I talked to there, hmmm... Why doesn't K-H scan it & put it on their web site? If I were a commercial buyer, which I'm not, I'd be a bit disinclined to buy more of their stuff. To be fair, their newer (and selected older) stuff's manuals are available for download. Oh well.

--John WB0EQ

Message-ID: <444810A2.8070604@comcast.net>
Date: Thu, 20 Apr 2006 17:52:18 -0500
From: Stephen & Marilyn Haines <shaines314@comcast.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Shaky R reading on old VTVM?
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

I'm reconditioning my dad's Heathkit V-6 VTVM. I've replaced the rectifier, PS electrolytic, and a HV .01 mfd cap to a plate of the dual diode (6H6).

DC+, DC-, and AC volts now work, as well as the calibration routines. Resistance measurements are uncertain, however. On known values the meter reads correctly for a second or two, and then bounces toward infinity. Sometimes it settles down correctly, other times the intermittent readings keep jumping around for 10 seconds or more.

The only original cap left is a .003 mica from one side of the dual triode (12AU7) grid to ground. Ideas? Bad tube? Bad cap? Bad switch contact (I've sprayed them with De-oxit)? Thanks, Steve KW5E

Message-ID: <8743172.1145573990235.JavaMail.root@elwamui-huard.atl.sa.earthlink.net>
Date: Thu, 20 Apr 2006 18:59:50 -0400 (EDT)
From: spr@earthlink.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Shaky R reading on old VTVM?

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Steve,

First, I'd change out the mica. But for ohms range stability, I'd look very carefully at the battery holder and all related contacts.

With my V-7A, the calibration kept drifting until I finally replaced ALL the resistors. I'm still using the original electrolytic filter cap and selenium rectifier.

Regards,

Scott

-----Original Message-----

>From: Stephen & Marilyn Haines <shaines314@comcast.net>

>Sent: Apr 20, 2006 6:52 PM

>To: Old Tube Radios <boatanchors@theporch.com>

>Subject: Shaky R reading on old VTVM?

>

>I'm reconditioning my dad's Heathkit V-6 VTVM. I've replaced the
>rectifier, PS electrolytic, and a HV .01 mfd cap to a plate of the dual
>diode (6H6).

>

>DC+, DC-, and AC volts now work, as well as the calibration routines.

>Resistance measurements are uncertain, however. On known values the
>meter reads correctly for a second or two, and then bounces toward
>infinity. Sometimes it settles down correctly, other times the
>intermittent readings keep jumping around for 10 seconds or more.

>

>The only original cap left is a .003 mica from one side of the dual
>triode (12AU7) grid to ground. Ideas? Bad tube? Bad cap? Bad switch
>contact (I've sprayed them with De-oxit)? Thanks, Steve KW5E

>

Message-ID: <001f01c664f0\$30144040\$28e47443@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Shaky R reading on old VTVM?

Date: Thu, 20 Apr 2006 20:03:29 -0700

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My faithful ol' (sniff) V-7A is still doing its duty on occasion.

>On known values the
> >meter reads correctly for a second or two, and then bounces toward
> >infinity. Sometimes it settles down correctly, other times the
> >intermittent readings keep jumping around for 10 seconds or more.

Scott hit on a couple of possible causes. The end caps on film resistors sometimes lose reliable contact with the carbon film. Nothing you do will fix that, you'll have to replace the resistor. You can come up with a nearly exact replacement value by paralleling or seriezing(!) two metal film resistors.

Possibly the tube socket could use some DeOxit and moving the tube up and down in the socket a few times.

In today's world of nutty 12AU7's you may have fun finding a steady replacement. Look for a NOS industrial or mil type.

AND LAST, BUT MOST HUMILIATING, THE LONG UNDISCOVERED COLD SOLDER JOINT!
;-)

Arden Allen
KB6NAX

Message-ID: <20060421163540.39492.qmail@web81006.mail.mud.yahoo.com>
Date: Fri, 21 Apr 2006 09:35:40 -0700 (PDT)
From: Jim Allen <imaham@sbcglobal.net>
Subject: Nylatches
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="0-239467974-1145637340=:39430"
Content-Transfer-Encoding: 8bit

--0-239467974-1145637340=:39430
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hi,

I've got an old Icom rig that has Nylatch panel fasteners on it (to hold the sides on). Does anyone know of a source for these? They are the black nylon ones where a ring fits in the hole and a button with prongs on it is pressed down into

the ring. The ring expands and holds the panel on.

Thanks much,

Jim

NU6AM

--0-239467974-1145637340=:39430
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
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*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--0-239467974-1145637340=:39430--

Message-ID: <20060421164555.38258.qmail@web51001.mail.yahoo.com>
Date: Fri, 21 Apr 2006 09:45:55 -0700 (PDT)
From: Meyer Gottesman <wrecktech@yahoo.com>
Subject: For sale: Range "F" tuning unit for WW II GP-7 xmtr.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

For sale:

Still trying to sell my range "F" tuning unit for the WW II Navy GP-7 transmitter. This includes all of the 40 meter ham band. This item is "as scarce as Hen's dentures"!! Hi!

In perfect condition.

Asking \$100.00 firm plus shipping FOB Warner Robins, Georgia, USA. ZIP: 31088.

Personal checks okay and do not cause a delay.

Tel: (478)741-1710 or email.

73,

Meyer Gottesman, W6GIV
aka "The Radio Crazy"

Do You Yahoo!?

Tired of spam? Yahoo! Mail has the best spam protection around
<http://mail.yahoo.com>

From: listown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Over Quoting
Date: Fri, 21 Apr 2006 11:15:00 -0700 (PDT)
Message-Id: <20060421181500.C6A8816167@osr506.nanniandjack.com>

Gang-

Apparently the gentle nudge and suggestion approach to the issue of improving the quality of posts to the BoatAnchors list, and maintaining our excellent (and high) signal to noise ratio is falling on DEAF EYES!

PLEASE READ THIS AND SAVE IT BECAUSE IT IS IMPORTANT!!!

The list culture is to include only those portions of a prior post that are required to maintain the context of your comments. We have always tried to reduce the amount of "chaff" on the list, and this is one good way.

In private mail between you, a subscriber, and me, as list manager, I really don't care one way or the other, but when posting to the list, there are at least two issues of concern:

- 1) the increased bandwidth from including extra text.
With the trial subscriptions and full members, the number of copies of each post mailed out change the impact of each extra word so that each single character becomes 1,000 characters of mail!
- 2) by not editing out included text, it sends a not at all subtle message to the list, that the poster considers his/her own time required to merely swipe his mouse across the text and tap the delete key, to be more valuable than the collective time and energy of the 600-700 readers on the list... not exactly a "positive" message! ;^)

This isn't rocket science... you place the pointer at the top of the

message you are including *parts* of, and click-drag to where you need to include, and then hit the backspace or delete key... painless, easy, quick, and very helpful to the list.

PLEASE begin to pay attention to this... those who consistently can not be bothered to be considerate of the list will forfeit posting privileges and risk not being invited back for membership.

Treat the list as a symposium. In such an environment, with 600 others attending who have paid to be there, it is unlikely you would repeat someone else's portion of a conversation in its entirety as part of your own remarks... it would become very tedious, very quickly, if you did... especially if you repeated even the closing signature block of the previous message.

Thanks for your understanding and help in making the boatanchors list have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Fri Apr 21 11:15:00 PDT 2006

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: Nylatches
MIME-Version: 1.0
Message-ID: <0F4032AC7C.B32A2F20-
0N88257157.006F21DD-86257157.006F5F18@philips.com>
From: Brian K Harris <brian.k.harris@philips.com>
Date: Fri, 21 Apr 2006 15:15:26 -0500
Content-Type: multipart/alternative; boundary="=_alternative 006F5F0F86257157_="

This is a multipart message in MIME format.

--=_alternative 006F5F0F86257157_="

Content-Type: text/plain; charset="US-ASCII"

Why not do like we do in Texas with that cheap Jap junk and just use duct tape?

Brian K. Harris, Account Manager, South Central Region

Philips Semiconductors
2140 Lake Park Boulevard, Suite 200
Richardson, Texas 75080 USA

Mobile: 214-763-5977 (preferred)
Office: 972 705-2484
Fax: 972-705-2450
Email: brian.k.harris@philips.com

Jim Allen <imaham@sbcglobal.net>
Sent by:
owner-boatanchors@theporch.com
2006-04-21 11:35 AM
Please respond to
imaham@sbcglobal.net

To
Old Tube Radios <boatanchors@theporch.com>
cc

Subject
Nylatches
Classification

Hi,

I've got an old Icom rig that has Nylatch panel fasteners on it (to hold the sides on). Does anyone know of a source for these? They are the black nylon ones where a ring fits in the hole and a button with prongs on it is pressed down into the ring. The ring expands and holds the panel on.

Thanks much,

Jim

NU6AM

--=_alternative 006F5F0F86257157_
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
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* * * * *

--=_alternative--

To: Old Tube Radios <boatanchors@theporch.com>
Cc: owner-boatanchors@theporch.com
Subject: Re: Nylatches
MIME-Version: 1.0
Message-ID: <0F72A5C3E9.227565E7-
ON88257157.007032C4-86257157.00707B2C@philips.com>
From: Brian K Harris <brian.k.harris@philips.com>
Date: Fri, 21 Apr 2006 15:27:33 -0500
Content-Type: multipart/alternative; boundary="=_alternative 00707B2886257157_="

This is a multipart message in MIME format.

--=_alternative 00707B2886257157_
Content-Type: text/plain; charset="US-ASCII"

Seriously, Jim, I don't know of a source. In fact, I don't really know what they look like but good luck with your search. How are you and the rest of your fine American collection?

Brian K. Harris, Account Manager, South Central Region

Philips Semiconductors
2140 Lake Park Boulevard, Suite 200
Richardson, Texas 75080 USA

Mobile: 214-763-5977 (preferred)
Office: 972 705-2484
Fax: 972-705-2450
Email: brian.k.harris@philips.com

Jim Allen <imaham@sbcglobal.net>
Sent by:
owner-boatanchors@theporch.com
2006-04-21 11:35 AM
Please respond to
imaham@sbcglobal.net

To
Old Tube Radios <boatanchors@theporch.com>
cc

Subject
Nylatches
Classification

Hi,

I've got an old Icom rig that has Nylatch panel fasteners on it (to hold the sides on). Does anyone know of a source for these? They are the black nylon ones where a ring fits in the hole and a button with prongs on it is pressed down into the ring. The ring expands and holds the panel on.

Thanks much,

Jim

NU6AM

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* * * * *

--=_alternative--

From: WA5CAB@cs.com
Message-ID: <296.93c4f50.317aae1f@cs.com>
Date: Fri, 21 Apr 2006 17:52:31 EDT
Subject: FS: LS-3 Loudspeakers
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_296.93c4f50.317aae1f_boundary"

--part1_296.93c4f50.317aae1f_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Group,

I have several LS-3 Loudspeakers available. WW-II or Korean War dated.
WW-II ones are mostly in boxes dated early 50's, probably when they were MFP
treated and repacked. Korean War ones are in original boxes. Condition is VERY
GOOD or better, tested working. WW-II dated ones are mostly black wrinkle
finished. Korean War ones are smooth black.

\$55.00 WW-II dated.
\$50.00 Korean War dated.

Plus shipping.

Robert Downs - Houston
<<http://www.wa5cab.com>> (Web Store)
MVPA 9480
<wa5cab@cs.com> (Primary email)
<wa5cab@houston.rr.com> (Backup email)

--part1_296.93c4f50.317aae1f_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
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* * * * *

--part1_296.93c4f50.317aae1f_boundary--

Message-ID: <002a01c665a1\$2f8170b0\$66e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Nylatches
Date: Fri, 21 Apr 2006 17:10:28 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ya know, Jim, if it can't be found on the internet it probably doesn't exist anymore. Sometimes you can do a lot of unproductive searches but once you hit the right keyword up pops the truth of the matter. I don't think Nylatches rate being a cultural icon so it may be tough sledding.

Arden Allen
KB6NAX

Message-ID: <000d01c665a6\$4f6603a0\$0100a8c0@kx4r2>
From: "Greg Carter" <kx4r@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Pop Electronics 1995 ?
Date: Fri, 21 Apr 2006 20:47:17 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Fellows !
I am looking for April, May, June and July 1995 issues of Popular Electronics.....specifically the articles concerning the Minerva Tropic Master morale radio from WWII.

Anyone out there with these issues as duplicates that would sell.....or

could anyone copy these articles ?
Will gladly pay copying costs and shipping.

Thanks very much !
Greg KX4R

From: WA5CAB@cs.com
Message-ID: <22a.a25c18a.317b0872@cs.com>
Date: Sat, 22 Apr 2006 00:17:54 EDT
Subject: LS-3 Description & Details
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_22a.a25c18a.317b0872_boundary"

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Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Groups,

I had several questions from list members since my posts this afternoon and thought since traffic is low tonight I'd save myself answering them again individually and some of you from needing to ask.

LS-3 was the standard loudspeaker used with medium and high power vehicular and shelter mounted sets during WW-II and on into Korea. It is a 6" dia. permanent magnet loudspeaker with 8000:3.2 ohm matching transformer mounted in an 8"x8"x4.75" felt lined steel box. The box is intended for bulkhead (walls for you ground pounders) mounting or for sitting on benches, desks, etc. For mounting, it has four tapped holes in the corners of the rear of the case. All components are mounted on a louvered removable front panel.

In the lower right corner of the front panel is a JK-33-A 7/32" dia. 3-circuit jack (with flip-up cover) to mate with PL-68 (more commonly used with microphones). For years I assumed that this was to keep marginally trained troops from plugging the wrong cable into it, but a list member recently pointed out that this was a carry-over from it's predecessor which had a field coil type speaker, requiring a bias supply. The high side of the audio goes to the Tip contact (12 volts DC would be on the Ring).

WW-II production was mostly finished in black wrinkle. Korean War production in black semi-gloss. Post Korean War production in green semi-gloss. The final production in the 60's was as LS-215/U, green semi-gloss finish and with a

4000 and 500 ohm tap on the matching transformer.

So to connect up an LS-3, you need a two-conductor cord with a PL-68 on the LS-3 end and an appropriate connector on the other end. For BC-312, 314, 342 or 344 this can be another PL-68 (making cord CD-265, the original used) or PL-55 (into the Phones 2nd Audio jack) making cord CD-1117. The latter also works with BC-224 or BC-348, BC-652, Hammarlund Super Pro's, R-388's, Command Sets, vehicular installations of GF/RU, etc. In sets with Hi-Z and Lo-Z taps on the audio output transformer, be sure that they are connected for Hi Z.

Last time I checked, Fair Radio still had a fair (pun intended) stock of CD-307-A bailout cords and PL-68 or PJ-068 cutoffs. Replacing the JK-26 or JJ-026 with a PL-68 or PJ-068 makes a CD-1117 equivalent (you'll have to cut back the cord's outer jacket and Z-fold the black ground lead).

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End of BOATANCHORS Digest 3914
